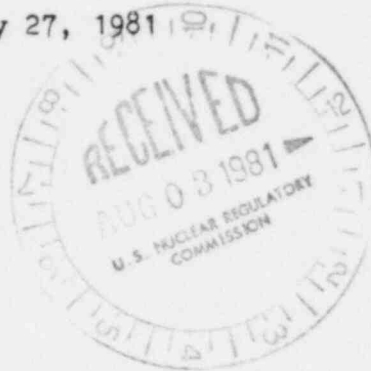


400 Chestnut Street Tower II

July 27, 1981

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303



Dear Mr. O'Reilly:

Your letter to H. G. Parris dated July 1, 1981 requested that we provide information regarding the design and the implementation schedule for the emergency planning zone prompt notification system for our Browns Ferry and Sequoyah Nuclear Plants. Enclosure 1 provides the requested information for Browns Ferry and the information regarding Sequoyah is provided as Enclosure 2. If you have any questions, please call Jim Domer at FTS 857-2014 for Browns Ferry or David Lambert at FTS 857-2581 for Sequoyah.

To the best of my knowledge, I declare the statements contained herein are complete and true.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosures

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ENCLOSURE 1

DESCRIPTION OF PROMPT NOTIFICATION SYSTEM BROWNS FERRY NUCLEAR PLANT (DOCKET NOS. 50-259, -260, -296)

The Browns Ferry prompt notification system is currently under development. An operation date for the fixed siren component of the system has been set for October 30, 1981. The fixed siren system consists of forty-two 128-dB Thunderbolt sirens and four 115-dB STH10 sirens. These sirens will be located throughout the 10-mile emergency planning zone around the plant. The fixed siren system will be augmented by four 110- to 115-dB mobile sirens and by tone alert radios located at selected institutions. The procurement of the fixed siren system is nearly complete with most of the equipment already delivered. A delay in the procurement of the radio-controlled siren activation units for the 28 sirens that are in Limestone County was caused by the inadvertent lapse of the Federal Communications Commission license for the radio frequency used by the Limestone County Civil Defense. We will be unable to obtain the radio activation units until a new frequency is assigned. Construction of the fixed siren sites is expected to begin on or about August 3, 1981 and is scheduled for completion by October 16, 1981. The checkout of the fixed siren system is scheduled to take place in the final two weeks of October.

The mobile siren system is under engineering development and will be implemented as soon as possible. The vendor has reported that these sirens should be on General Services Administration contract by October 1, 1981 and that the sirens could be supplied within two months of this date. Subject to these target dates, the mobile siren system could be operational in early 1982.

The local civil defense personnel are currently identifying the institutions that will require tone alert radios. We expect these radios to be in place by October 30, 1981 assuming there are no procurement problems.

In the interim period between July 1 and October 30, 1981 the public notification methods that have been previously developed by the local civil defense departments will continue in force.

ENCLOSURE 2

DESCRIPTION OF PROMPT NOTIFICATION SYSTEM
SEQUOYAH NUCLEAR PLANT
(DOCKET NOS. 50-327, -328)

The Sequoyah prompt notification system, as referenced in the "Tennessee Multijurisdictional Radiological Emergency Plan" and as approved by FEMA, consists of three components. The first component is a system of 34 radio-activated fixed sirens. This system consists of twenty-two 123-dB Thunderbolt sirens and twelve 115-dB STH10 sirens. The second component of the prompt notification system consists of emergency vehicles which will patrol predetermined routes sounding their sirens. The third component of the system consists of tone alert radios which have been placed in selected institutions within the 10-mile area.

The fixed siren system is in place and is currently going through preoperational testing. This system is scheduled to be 100 percent operational by August 1, 1981. In the interim period between July 1 and August 1, 1981, the public notification methods will consist of emergency vehicles patrolling the 10-mile area and the tone alert radios that have been placed in selected institutions.